

## PATENT ABSTRACTS OF JAPAN

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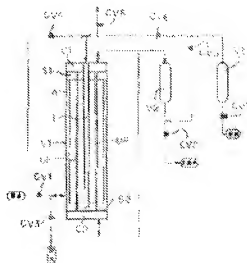
## (54) PURIFIED WATER PRODUCTION

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an economical and safe purified water producing method.

SOLUTION: In a purified water producing method using a hollow fiber type ultrafilter membrane wherein hollow fiber yarn bundless are wound around a core pipe arranged to the center part of a vertical cylindrical pressure container so as to extend in the axial direction regularly and superposedly, filter operation is total amt. filtration, Raw water is supplied to a core pipe T from the outer peripheral space W formed between the inner peripheral surface of a pressure container V1 and the outer peripheral surface of the filter bed and filtered water is taken out of the cavities of hollow fiber yarns.

The washing operation of the filter bed containing the membrane surfaces of hollow fiber yarns is performed by the backward pressure washing allowing filtered water to flow from the cavities of the hollow yarn membranes to the outside and the backward washing due to raw water supplied from the core pipe T to the outer



peripheral space W.